

AMENDMENTS TO THE SPECIFICATION

Please replace the first paragraph on page 1 of the specification under the heading Prior Art, by the following two paragraphs:

The extensively-used and available projection systems comprise a projector and a projection screen. The front-projection systems serve to project images onto a reflecting (front-projection) screen or a white wall, and the rear-projection ones - to project images onto a translucent (rear-projection type) screen. U.S. Pat.No.6,600,600 to Chen, Shane; U.S. Pat. No.6,609,799 to Myers, Kenneth J.; U.S. Pat. No.6,543,899 to Covannon et al.; U.S. Pat. No.6,601,961 to Masaki, Tadahiro; U.S. Pat.6,600,528 to Colgan et al. and U.S. Pat. No. 6,469,830 to Dubin et al disclose variations on projection screen that performs the diffusive scattering.

For example U.S. Patent 6,469,830 teaches that a rear-projection screen has, at the side of projection onto the screen (at the reverse, or rear side of the screen), a lens raster; surface area of all the raster lenses covering the entire surface area of an image (that is projected onto the screen); the screen, at its front side (from the viewers' side), is provided with a plate having a surface that scatters the light diffusively; on which surface each one of the raster lenses focuses the projection rays; for the purpose to smooth over the viewed brightness uniformity, when viewing an on-screen image, a number of projectors is positioned behind the screen(each of them being positioned at a predetermined projection point to provide a greater density of the image dots (that are focused by the raster lenses), as well as for the purpose to arrange an optimal directional pattern of the viewed on-screen image so that to enhance the on-screen image brightness uniformity (when said image is seen by viewers from different viewing sectors).

Please replace the first paragraph at the top of page 6 of the specification, which begins with the phrase "Said technical effect of embodying the invention" by the following paragraph:

Said technical effect of embodying the invention is to be achieved as follows: A projection system comprises one or a number of projectors for generation and/or projection of transformed and/or trapezoid image frames, and a viewing screen. The optical elements are arranged on the viewing screen, have entrance windows for capturing projection rays and are

configured to reflect or deflect the projection rays via exit windows into a sector of observation. A distinguishing feature is that the entrance and exit windows have an area that is multiple times smaller than the screen area around the entrance and exit windows, and an optical system is provided to register cross sections of the projection rays with the entrance windows of the optical elements, and the optical elements are configured to capture the projection rays directed from an end-face of the viewing screen across its surface.